

What we claim is:

- Sub
B1
1. An isolated polypeptide chosen from those having at least 100 amino acids from domains H₄₅₅₋₆₆₁ and/or H₁₁₅₀₋₁₂₈₉ of the neurotoxin C. botulinum.
 2. A composition of matter comprising at least one polypeptide of claim 1.
 3. A polypeptide of claim 1 bound to a second peptide which acts as an adjuvant.
 4. The polypeptide of claim 3 wherein the second peptide is A2 peptide of cholera toxin.
 5. The composition of claim 2 wherein the polypeptide of neurotoxin of C. botulinum is bound to the A2 peptide of cholera toxin.
 6. A method of immunizing a mammal susceptible to botulism by administration of a composition of claim 3.
 7. The method of claim 6 wherein the composition contains a polypeptide of neurotoxin of C. botulinum bound to the A2 peptide of cholera toxin.
- add
B2